

IN THE CLAIMS:

Please amend the claims to read as follows:

Claim 1 (Currently Amended): An inspection coaxial probe, comprising:

a conductive block, formed with a first face, a second face opposed to the first face and a through penetration hole connecting the first face and the second face;

a contact probe, comprising:

a conductive pipe; and

a conductive plunger, retractably provided ~~in~~ at a first end of the pipe, ~~the plunger being and adapted~~ to be brought into contact with a device to be inspected; and

~~a first retainer, comprising a first insulative member that retains the first end of the pipe in the vicinity of the first face of the block,~~

a first insulative substrate, provided on the first face of the block and formed with a first recess and a first through hole communicated with the first recess,

wherein the first end of the pipe is fitted into the first recess such that the pipe contact probe is coaxially held within retained in the through penetration hole and the first through hole and such that a part of an outer periphery of a part of the pipe directly opposes faces an interior wall of the through penetration hole while forming an air gap therebetween.

Claims 2 and 3 (Canceled).

Claim 4 (Currently Amended): ~~The~~ An inspection coaxial probe ~~as set forth in claim 1,~~
~~further~~ comprising:

a conductive block, formed with a first face, a second face opposed to the first face and a penetration hole connecting the first face and the second face;

a first conductive plate, formed with a first recess and a first through hole communicated with the first recess, ~~the plate being~~ and provided on the first face of the block, ~~wherein;~~

a contract probe, comprising:

a conductive pipe; and

a conductive plunger, retractably provided at a first end of the pipe and adapted to be brought into contact with a device to be inspected; and

a ~~the~~ first insulative ~~member~~ is a spacer formed with a second recess and a second through hole communicated with the second recess; ~~and,~~

wherein the first insulative ~~member~~ spacer is inserted into the first recess; ~~and,~~

wherein the first end of the pipe is fitted into the second recess, such that the ~~plunger~~ contact probe is coaxially ~~extends through~~ retained in the first through hole, the second through hole and the ~~through~~ penetration hole of the block [[,]] and a part of an outer periphery of the pipe directly faces an interior wall of the penetration hole while forming an air gap therebetween; and

wherein an inner diameter of the first recess is larger than an inner diameter of the penetration hole.

Claim 5 (Currently Amended): The inspection coaxial probe as set forth in claim 1, further comprising ~~a second retainer, comprising a second insulative member through which a second end of the pipe is retained in the vicinity of the second face of the block,~~ a second insulative substrate, provided on the second face of the block and formed with a second recess and a second through hole communicated with the second recess,

wherein a second end of the pipe is fitted into the second recess, such that the contact probe coaxially retained in the second through hole,

wherein the contact probe is adapted to be electrically connected to a wiring board on which an inspection circuit is provided via the second end of the pipe.

Claim 6 (Currently Amended): The inspection coaxial ~~eable~~ probe as set forth in claim [[5]] 4, wherein further comprising:

a second conductive plate, formed with a third recess and a third through hole communicated with the third recess, and provided on the second face of the block and;
and

a second insulative spacer formed with a fourth recess and a fourth through hole communicated with the fourth recess,

~~a first recess is formed on the second face of the block;~~

~~the second insulative member is a spacer formed with a second recess and a through hole communicated with the second recess;~~

wherein the second insulative spacer is fitted inserted into the first third recess;
and

wherein a the second end of the pipe is fitted into the second fourth recess, such
that the contact probe is coaxially retained in the third through hole and the fourth
through hole;

wherein the second end of the pipe contact probe is adapted to be electrically
connected to the a wiring board on which an inspection circuit is provided via the through
hole of the spacer second end of the pipe; and , while the spacer is held by the wiring
board within the first recess

wherein an inner diameter of the third recess is larger than the inner diameter of
the penetration hole.

Claim 7 (Currently Amended): An apparatus for inspecting an electrical characteristic of
a device, the apparatus comprising:

the inspection coaxial probe as set forth in claim 1; and

a wiring board, on which an inspection circuit is provided, and to which ~~a second~~
~~end of the pipe~~ the inspection coaxial probe is electrically connected.

Claim 8 (Previously Presented): The inspection coaxial probe as set forth in claim 1,
wherein the contact probe further comprises a spring inserted in the conductive pipe to
force the conductive plunger outwardly.